

## Certificate of Analysis

Date of Testing: 2025-05-08 14:06:39

Date of Next Testing: 2029-05-07 14:06:39

Product Name: **malonic acid**

CAS Number: 141-82-2

Specifications & Purity:  $\geq 98\%$

Lot #: D2524278

SKU # **M103513**

Version **0**

Analysis #: **508362**

| Parameter                                                                       | Limit Values                                   | Result                                         |
|---------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Purity (Titration by NaOH)                                                      | 97.5-102.5 (%)                                 | 99.90 %                                        |
| Purity(GC)                                                                      | 96-100 (%)                                     | 96.98 %                                        |
| Appearance (M103513)                                                            | White Powder or Crystals or Granules or Chunks | White Powder or Crystals or Granules or Chunks |
| Infrared spectrum                                                               | Conforms to Structure                          | Conforms to Structure                          |
| Solubility in 1N NaOH , Colorless to yellow,clear to pass slightly hazy100mg/ml |                                                | Pass                                           |



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